BRUHAT BANGALORE MAHANAGARA PALIKE

PROJECT DIVISION, DASARAHALLI ZONE

COMPARATIVE STATEMENT

Name of Work:Improvement to Ashwathakatte Near Mallikarjuna Swamy temple Mallasandra Ward No.13 Shettihalli Sub Division

Name of Agency: Sri.Manoj naik

Work Order No:BBMP/EE/PD/WO/ 0040 /2017-18

Tender Notification No: BBMP/EE/PD/Ten/10/2017-18.

Sl.No	Description of work	Unit	As per Bill of quantities			Quantity up to 125%			Quantity above 125%			Anticipated final qty				
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Est Qty	Amount	Excess Amount	Savings Amount	Remark
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	KSRRB 2-2.2. Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1.5m and above in width,in hard soil not exciding 1.5 m. depth incluiding dressing the bottom and sides of pits and trenches,stacking the excavated soil clear from edges of excavation with lead upto 50m.after breakingof clods complete as per specifications, specation. No. KBS 2.1(b)/2.3.5(I.tm No.2.4, p.No.5, SR:2016-17)	Cum.	160.55	405.64	65125.50	65.83	405.64	26703.28				65.83	26703.28		38422.22	
2	Providing and laying in position plain cement concrete of mix 1:3:6 with opc cement @220kgs with 20 mm and down size graded granite metal course aggregate @0.84cum and fine aggregates @0.56 cum machine mixed,laid in layers not exceeding 15cms thick well compacted in foundation,plinth and cills including cost of all materials,labour,HOM OF machinary, curing complete as per specification (Pg No-12.Item No.4.2)	Cum.	26.04	5449.68	141909.67	21.21	5449.68	115587.71				21.21	115587.71		26321.95	
3	Providing and Laying in position reinforced cement concrete of design mix M25 with OPC cement @ 320Kgs with 20mm and down size graded granite metal course aggregate @ 0.878cum and fine aggregate @ 0.459cum, with superplastisiser @ 3ltr confirming to IS 9103-1999 Reaffirming 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground level for roof slab, staircase, lintels, retaining wall , return wall, wall (any thickness) including attahed plasters, column , piers, abutmentspillers, posts, struts, buttresses, string or laceing courses, parapets, coping, bed blocks, anchor hooks plain window cill, fillets, etc.., including cost of all materials, Labours, HOM of Machineries, curing complete as per specification (Page No 13- Item No : 4.12 @ P.W.D SR 2016-17)	Cum.	57.35	6718.68	385316.30	38.56	6718.68	259072.30				38.56	259072.30		126244.00	

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Sl.No	Description of work	Unit	As per Bill of quantities			Quantity up to 125%			Quantity above 125%			Anticipated final qty	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Est Qty	Amount	Amount	
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18	19	
4	Filling Available excavated earth(excluding rock) inside cum of foundation upto plinth in layers not exceeding 20cm in depth compacting each deposited layer by ramming after watering with lead upto 50mtr and lift upto 1.5mtr including cost of all labour etc complete as per specification. specificatrion No. KBS 2.9(Item No.2.10 Page No.6 SR 2016-17.)	Cum.	80.27	137.16	11009.83	29.80	137.16	4087.37				29.80	4087.37		6922.47	
5	KSRRB : Providing and constructing granite / trap / basalt size stone masonry in Superstructure with cement mortar 1 :4, edges of stones chistle dressed in courses not less than 20cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum.	0.95	4359.96	4141.96	1.19	4359.96	5177.45	0.25	4362.30	1101.48	1.44	6278.93	2136.97		
6	Providing and Removing centering and shuttering, strutting proping etc. and removal of form work for foundations footings bases of columns for mass concrete including cost of all materials labour complete as per specifications. Specification No. KBS 4.3.2(Item No.4.28 Page No.15) SR 2016-17.	Sqm	257.40	249.48	64216.15	213.76	249.48	53328.84				213.76	53328.84		10887.31	
7	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2016-17	Tonne	4.59	65455.56	300441.02	3.08	65455.56	201603.12				3.08	201603.12		98837.90	
8	KSRB 2.5: Eartwork excavation in all soil deposits and filling sides of foundation upto plinth in layer not exceding 20cms. In depth, compacting each deposited layer by ramming after watering with all lead and lift including cost of all labour complete as per specifications,specification.(I.No.2.12, P.No.-06, Sr:2016-17)	Cum.	138.12	374.32	51701.08	139.78	374.32	52322.45				139.78	52322.45	621.37		
9	Providing and laying flooring using pre polished water cut gangsaw 19mm thick granite laid with a bed of 20mm thick 1:4 cum and jointed with neat cement slurry mixed with pigment to match the shade of granite slabs including laying POP on finished surface and cleaning surface including the cost of all materials morter and labours etc. complete as per specification using silver gray granite/multi red/ ruby red/black/ hassan green granite slab of width not less than 1200mm. Item no.14.47.1 Page No.107. SR 2016-17.	Sqm	78.03	2828.52	220709.42	0.00						0.00	0.00		220709.42	

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	Description of work	Unit	As per Bill of quantities			Quantity up to 125%			Quantity above 125%			Anticipated final qty		Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Est Qty	Amount	Amount	Amount	
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18	19	
10	Providing and fixing 20mm thick gang saw water cut LAKARED granite for cladding in CM 1:4 cut to required shape, pattern with paper joints, finished with cement mortar using, white cement colour pigments to match the colour of slab making through jointing with sealant, grooves in joints including cost of curing etc., complete including cost and conveyance of all materials, mortar labour for all items of work, HOM of equipment etc., complete as per specification.	Sqm	59.70	3990.60	238238.82	44.69	3990.60	178339.91				44.69	178339.91		59898.91	
11	Providing and fixing 304 grade stainless steel hand rails of 14 guage pipes for Ramps staircase made out of stainless steel hollow piupes using 50 mm dia for verticals@ 1.60 mts c/c fixed to the ramps or steps by drilling with bolts and 100mm dia M S base plates 10mm guage for fixing of vertical pipes 4 Nos ancher bolts& 40 mm dia pipes fixed horizontally for 2 rows top one pipe fixed with vertical pipes another one fdixed with elbows and 25 mm dia pipes are fixed horizontally for 2 rows below top measure @ equal intervels including cutting welding bending wherever necessary with suitable caps @ tops bottoms & corners finishing with mat /shining etc complete including cost and conveyance of all materials labour for all items of work HOM of equipment with all lead and lift loading and unloading transportation charges and all other incidental charges etc complete as per specification and direction of the Engineer incharge of the work Ramps of staircase for physically challanged (P No-43 ,I No-7.39 SR2016-17)	Sqm	49.60	6286.68	311819.33	39.00	6286.68	245180.52				39.00	245180.52		66638.81	
12	Providing full nosing for 20mm thick granite slab using required machinary including cost and conveyance of all materials; labour for all items of works H O M of equipment etc; complete as per specification (I No-14.55 ; P-No-108 S R 2016-17)	M	47.40	257.04	12183.70	64.10	257.04	16476.26				64.10	16476.26	4292.57		
13	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive stenth of 281 kg per sqm over 50mm thick sand bed (averge thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand undermeath to come up in between joints, final compaction of paver surface joints into the final level, including cost of all materials, labour and HOMof machineries complete as per specifications.(I.No.14.6, P.No.-101, SR:2016-17)	Sqm	43.75	984.96	43092.00								0.00		43092.00	

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	Description of work	Unit	As per Bill of quantities			Quantity up to 125%			Quantity above 125%			Anticipated final qty				
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Est Qty	Amount	Excess Amount	Savings Amount	Remarks
1	2	3	7	8	9	10	11	12	13	14	15	16	17	18	19	
EIRL-1	Providing and Fixing for flooring 20mm thick gang saw water cut sadarahalli gray granite in CM 1:4 propotion, cut to required shape, pattern with paper joints, finished with cement mortor using white cement and colour pigments to match the colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curring -Minimum width of 1200mm.,complete as per specification.KSRB 14.61.1	Sqm						0.00	80.44	1984.00	159592.96	80.44	159592.96	159592.96		
EIRL-2	Providing granite slabs of selected quality roughly dresses having a size of 10 cms thick and fixing in cement mortor (1:6) including fixing curing etc.,complete as per specifications.	Sqm						0.00	52.17	825.82	43083.03	52.17	43083.03	43083.03		
EIRL-3	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications KBS 5.1.13	Sqm						0.00	52.17	963.63	50272.58	52.17	50272.58	50272.58		
EIRL-4	Providing And Constructing Mantapa using Sadarahallli Granite stones of size of 0.40x0.40x2.3 measurment for four numbers pillers and four numbers of beams of size 0.20x0.30x2.75 mtr and with granite slab roof of 4.30mtrx3.00mtrx0.15thick including cost of all loading and unloading and the lead for bringing the stone to the workspot including cost of all carving work dressing polishing and pinishing and insatalling at woork site etc.. complete	Nos						0.00	1.00	437441.07	437441.07	1.00	437441.07	437441.07		
										EIRL Amount	690389.64					
					1849904.77			1158406.23			691491.12		1849897.33	697440.55	697974.97	

A	Estimated Cost	2000000.00
	Schedule-B Amount	1849904.77
	Total EIRL Amount	690389.64
	Percentage of EIRL	37.32%
	Total Work Slip Amount	1101.48
	Percentage of Work Slip	0.06%
	Savings Amount	697974.97
	Total Project Cost	1849897.33

Amount of Savings= 1849904.77 - 1849897.33 =7.44

Asst Engineer
Project Division-Dasarahalli Zone

Asst.Executive Engineer
Project Division-Dasarahalli Zone

ನಂ:CE/D2/TS]24/ದಿನಾಂಕ : 06/03/2019
ರೂ. 18,449 ಲಕ್ಷಗಳಿಗೆ
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Executive Engineer
Project Division-Dasarahalli Zone

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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BRUHAT BANAGLORE MAHANAGARA PALIKE
PROJECT DIVISION, DASARAHALLI ZONE
EXTRA ITEM RATE LIST

Name of Work: :Improvement to Ashwathakatte Near Mallikarjuna Swamy temple Mallasandra Ward No.13 Shettihalli Sub Division

Tender Notification No: BBMP/EE/PD/Ten/10/2017-18.

Sl No	Item Of Work	Unit	Estimate qty	Rate in Rs. Considering 2016-17 PWD SR	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
1	2	3	4	5	6	7	8	9	10	11
EIRL-1	Providing and Fixing for flooring 20mm thick gang saw water cut sadarahalli gray granite in CM 1:4 propotion, cut to required shape, pattern with paper joints, finished with cement mortor using white cement and colour pigments to match the colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curring - Minimum width of 1200mm.,complete as per specification.KSRB 14.61.1	Sqm	80.44	1984.00	159592.96	Additonal Item	No		Yes, KSRB 14.61.1.	
EIRL-2	Providing granite slabs of selected quality roughly dresses having a size of 10 cms thick and fixing in cement mortor (1:6) including fixing curing etc.,complete as per specifications.	Sqm	52.17	825.82	43083.03	Additonal Item	No		Yes, KSRB .	

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Sl No	Item Of Work	Unit	Estimate qty	Rate in Rs. Considering 2016-17 PWD SR	Amount (Rs.)	Whether the item alternative in tender or additional items	Whether the extra item is included in sanctioned estimate	How the Cost is proposed to be met	Whether extra item is included in S.R.	Remarks
EIRL-3	KSRB 5-8.2 : Providing two line dressing to granite stone slab / granite stone masonry as per specifications KBS 5.1.13	Sqm	52.17	963.63	50272.58	Additonal Item	No		YES KBS5.1.13	
EIRL-4	Providing And Constructing Mantapa using Sadarahallli Granite stones of size of 0.40x0.40x2.3 measurment for four numbers pillers and four numbers of beams of size 0.20x0.30x2.75 mtr and with granite slab roof of 4.30mtrx3.00mtrx0.15thick including cost of all loading and unloading and the lead for bringing the stone to the workspot including cost of all carving work dressing polishing and pinishing and insatalling at woork site etc.. complete	Nos	1.00	437441.07	437441.07	Additonal Item	No		Data Rate	
	TOTAL EIRL AMOUNT				**690389.64**					

PERCENTAGE OF EXCESS COMPARING TO SANCTIONED COST $\frac{690389.64}{1849904.77}$ **x100 = 37.32%**

Asst Engineer
Project Division-Dasarahalli Zone

Asst.Executive Engineer
Project Division-Dasarahalli Zone

Executive Engineer
Project Division-
Dasarahallli Zone

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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